

## LongEZ N3R

### **ENGINE START:**

10A Buss Jump - On  
Avionics On & Set  
Mixture rich/carb heat cold  
Fuel: Fuel Pump - On & OK  
Note & Slct fullest tank  
Prime - elec & Carb  
Electric Ignitions - On  
Clear and Start  
50A Master - On  
Alternator - On & Volts OK  
Buss Jump - Off  
HSI & AP - On  
Strobes - On  
Landing Break - down

### **EMERGENCY**

•Boost pump on •Mixture rich  
•Carb heat on •Backup Elec?

## LongEZ - N3R EXTERIOR STATE

### **COCKPIT**

Store Gear, charts & stuff  
Check Headset batteries  
Mag's Off  
Mixture/Throttle Off  
Controls free  
Fuel quantity as required

### **CANARD AREA**

Elevator- general condition  
Static/Pitot - clear  
Elevetor counter weights OK

## LongEZ N3R

### **RUN UP:**

Fuel caps locked  
Controls - free and correct  
Lights - as required  
Flight Instruments - set  
Engine Run Up  
• Mags • Carb Heat  
• Oil Pressure • Fuel Pres  
• Volt > 14 on both systems

### **TAKE OFF:**

Do This Check Before Takeoff  
Doors, Trim, Carb, Boost, &  
Transponder  
Drag Door- up w wheel off  
Gear up > 100kts  
Boost Pump - off (>1000')  
Lean Mixture - as required

## LongEZ - N3R EXTERIOR STATE

### **RIGHT SIDE**

Fuel Cap - On & Locked  
Canopy - hinges OK  
Wing/winglet condition  
Rudder/Aileron condition  
Drain Sump

### **AFT & ENGINE**

Main Gear secure  
Brakes/Tires wear-50 PSI  
Cooling inlet clear  
Drain Sump  
Cowling secure  
Propeller & Exhaust condition  
Engine condition & Oil Level

## LongEZ N3R

### **CLIMB/CRUISE**

Gear - up  $V_x = 70\text{Kts}$   
Pump - off  $V_y = 90\text{ Kts}$   
Fuel - Manage Climb = 120Kts  
 $V_r=45$   $V_s=50$   $V_{no}=120$   
 $V_{ne} = 190$   $V_{le} = 100$

### **DESCENT/LANDING:**

<b>G</b> - Gas	Downwind	100
<b>U</b> - Gear	Base	90
<b>M</b> - Mixture	Final	70-80
<b>P</b> - Pump	Touchdown	~60

Carb Heat - As required

### **SHUT DOWN**

Pump - Off Electrical - Off  
Mixture - Off Mags - Off  
HSI -OFF Master - Off

## LongEZ - N3R EXTERIOR STATE

### **LEFT SIDE**

Fuel Cap - On & Locked  
Fuel tank vent clear  
Wing/winglet condition  
Rudder/Aileron condition  
Drain Sump

### **NOSE GEAR & DRAGDOOR**

Lift, extend & Lock Gear  
Strut/Pivot - undamaged  
Wheel Damper - OK  
Tire wear/ 40 PSI  
Landing Brake-down & check